

# SEQUENCE LISTING

<110> Eikmanns, Bernd  
Peters-Wendisch, Petra  
Sahm, Hermann



<120> METHOD FOR MICROBIAL PRODUCTION OF AMINO ACIDS OF THE ASPARTATE  
AND/OR GLUTAMATE FAMILY

<130> 21437

<140> 09/529,043

<141> 2000-04-03

d-  
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<170> PatentIn version 3.0

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<212> DNA

<213> Corynebacterium glutamicum

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<213> Corynebacterium glutamicum

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 35 40 45  
 Ser Phe His Arg Ser Phe Ala Ser Glu Ala Val Arg Ile Gly Thr Glu  
 50 55 60  
 Gly Ser Pro Val Lys Ala Tyr Leu Asp Ile Asp Glu Ile Ile Gly Ala  
 65 70 75 80  
 Ala Lys Lys Val Lys Ala Asp Ala Ile Tyr Pro Gly Tyr Gly Phe Leu  
 85 90 95  
 Ser Glu Asn Ala Gln Leu Ala Arg Glu Cys Ala Glu Asn Gly Ile Thr  
 100 105 110  
 Phe Ile Gly Pro Thr Pro Glu Val Leu Asp Leu Thr Gly Asp Lys Ser  
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 Arg Ala Val Thr Ala Ala Lys Lys Ala Gly Leu Pro Val Leu Ala Glu  
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 Gln Thr Tyr Pro Ile Phe Val Lys Ala Val Ala Gly Gly Gly Gly Arg

165

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175

Gly Met Arg Phe Val Ala Ser Pro Asp Glu Leu Arg Lys Leu Ala Thr  
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 Gly Asp His Thr Gly Glu Val Val His Leu Tyr Glu Arg Asp Cys Ser  
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 Leu Gln Arg Arg His Gln Lys Val Val Glu Ile Ala Pro Ala Gln His  
 245 250 255  
 Leu Asp Pro Glu Leu Arg Asp Arg Ile Cys Ala Asp Ala Val Lys Phe  
 260 265 270  
 Cys Arg Ser Ile Gly Tyr Gln Gly Ala Gly Thr Val Glu Phe Leu Val  
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 Asp Glu Lys Gly Asn His Val Phe Ile Glu Met Asn Pro Arg Ile Gln  
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 Val Glu His Thr Val Thr Glu Glu Val Thr Glu Val Asp Leu Val Lys  
 305 310 315 320  
 Ala Gln Met Arg Leu Ala Ala Gly Ala Thr Leu Lys Glu Leu Gly Leu  
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 Thr Gln Asp Lys Ile Lys Thr His Gly Ala Ala Leu Gln Cys Arg Ile  
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 Thr Thr Glu Asp Pro Asn Asn Gly Phe Arg Pro Asp Thr Gly Thr Ile  
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 370 375 380  
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 Lys Met Thr Cys Arg Gly Ser Asp Phe Glu Thr Ala Val Ala Arg Ala  
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450

455

460

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 Tyr Pro Asp Ser Val Cys Arg Ala Phe Val Lys Glu Ala Ala Ser Ser  
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740

745

750

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 980 985 990  
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